Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the above-identified application.

Listing of Claims

1.   (Previously presented) A computer-implemented method comprising:
    estimating of a component gating risk in a manufacturing process, comprising
        computing a mean production value using an altered component plan; and
        computing said component gating risk using said mean production value.

2.   (Previously presented) A computer-implemented method comprising:
    estimating a component gating risk in a manufacturing process, comprising
        computing a first mean production value using said increased component plan;
        computing a second mean production value using said decreased component plan; and
        computing said component gating risk using said first and said second mean production values.

3.   (Canceled)

4.   (Previously presented) The method of claim 1, wherein said estimating further comprises:
        generating an altered component plan by altering a component plan for a component;

5.   (Previously presented) The method of claim 4, wherein said altered component plan is generated by altering a component plan for a component.

6.   (Previously presented) The method of claim 5, wherein said component is a component used in said manufacturing process.

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7.   (Previously presented) The method of claim 2, wherein said estimating further comprises:

        generating an increased component plan.

8.   (Previously presented) The method of claim 7, wherein said estimating further comprises:

        generating a decreased component plan.

9.   (Previously presented) The method of claim 8, wherein

        said increased component plan is generated by increasing a component plan for a

                component, and

        said decreased component plan is generated by decreasing said component plan for said

                component.

10.   (Previously presented) The method of claim 9, wherein

        said component is a component used in said manufacturing process.

11.   (Previously presented) The method of claim 8, wherein said estimating further comprises:

        generating said component plan for said component.

12.   (Previously presented) The method of claim 11, wherein

        said increased component plan is generated by increasing a component plan for a

                component, and

        said decreased component plan is generated by decreasing said component plan for said

                component.

13.   (Previously presented) The method of claim 12, wherein

        said component is a component used in said manufacturing process.

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14.   (Previously presented) A computer program product comprising:

a first set of instructions, executable on a computer system, configured to estimate a

component gating risk in a manufacturing process, comprising

a first subset of instructions, executable on said computer system, configured to

compute a first mean production value using said increased component

plan;

a second subset of instructions, executable on said computer system, configured

to compute a second mean production value using said decreased

component plan;

a third subset of instructions, executable on said computer system, configured to

compute said component gating risk using said first and said second mean

production values; and

computer readable media, wherein said computer program product is encoded in said

computer readable media.

15.   (Previously presented) The computer program product of claim 14, wherein said first set
of instructions further comprises:

a fourth subset of instructions, executable on said computer system, configured to

generate an increased component plan.

16.   (Previously presented) The computer program product of claim 15, wherein said first set
of instructions further comprises:

a fifth subset of instructions, executable on said computer system, configured to generate

a decreased component plan.

17.   (Previously presented) The computer program product of claim 16, wherein

said increased component plan is generated by increasing a component plan for a

component, and

said decreased component plan is generated by decreasing said component plan for said

component.

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18. (Previously presented) The computer program product of claim 17, wherein said component is a component used in said manufacturing process.

19. (Previously presented) The computer program product of claim 15, wherein said first set of instructions further comprises:

a sixth subset of instructions, executable on said computer system, configured to generate said component plan for said component.

20. (Previously presented) The computer program product of claim 19, wherein said increased component plan is generated by increasing a component plan for a component, and

said decreased component plan is generated by decreasing said component plan for said component.

21. (Previously presented) The computer program product of claim 20, wherein said component is a component used in said manufacturing process.

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